



**WESTERN
TECHNOLOGIES
INC.**

3737 East Broadway Road
P.O. Box 21387
Phoenix, Arizona 85036
(602) 268-1381

Union Manufacturing
6625 West Allison Road
Chandler, Arizona 85224

Attn: Mark J. Gohlmann
Purchasing Agent

Re: Preliminary Report No. 2
Phase I Sampling and Analysis
Surface Impoundment and Land
Disposal Areas
Chandler Plant
EPA ID No. AZ088301213

Job No. 2213J205

Ref: 1. Partial Closure Plan of May 23, 1983
2. Preliminary Report No. 1, August 18, 1983

In accordance with your request, further laboratory tests were performed on Phase I soil samples to further define the boundaries of hazardous waste contamination at your Chandler plant:

<u>Area and Location</u>	<u>Lead (ppm)</u>	<u>Xylene (ppm)</u>	<u>Toluene (ppm)</u>
B (1-2.5 ft)	<0.1	-	-
B (3-4.5 ft)	<0.1	-	-
C (1-2.5 ft)	-	<1	<1
C (3-4.5 ft)	-	<1	<1

A soil analysis summary is attached which includes a listing of chemical tests performed to date on soil samples from plant areas of potential hazardous waste contamination. The results indicate that hazardous waste contamination in Areas A, B, and C is above the 1 to 2.5 ft. level for the parameters and locations tested.

Respectfully,
WESTERN TECHNOLOGIES INC.

P. Allard
Peter F. Allard, P.E.
Chief Chemical Engineer

Copies: Model Industries (1)
Addressee (1)

Union Manufacturing Inc.

Job No. 2213J205

Preliminary Report No. 2

Area and Location	Phenol (ppm)	Lead (ppm)	Chromium (ppm)	pH	Methylene Chloride (ppm)	Xylene (ppm)	Toluene (ppm)	Butanol (ppm)
A Surface		10.7	0.79	10.2	<10	NT	NT	NT
A (1-2')	<0.5	<0.1	<0.1	9.9	<10	NT	NT	NT
A Downgradient		<0.1	<0.1	10.1	<10	NT	NT	NT
B Surface		87.	4.3	10.5	<10	NT	NT	NT
B (1-2.5')		<0.1	NT	NT	NT	NT	NT	NT
B (3-4.5')		<0.1	NT	NT	NT	NT	NT	NT
B (5-6.5')	<0.5	2.6	0.47	9.6	<10	NT	NT	NT
B Downgradient		<0.1	<0.1	8.5	<10	NT	NT	NT
C Surface		2.3	0.19	NT	NT	9.7	3.4	<1.
C (1-2.5')		NT	NT	NT	NT	<1.	<1.	NT
C (3-4.5')		NT	NT	NT	NT	<1.	<1.	NT
C (10-11.5')		<0.1	0.31	NT	NT	<1.	<1.	<1.
C (30-31.5')		<0.1	<0.1	NT	NT	<1.	<1.	<1.
C Downgradient		<0.1	<0.1	NT	NT	<1.	<1.	<1.
D Surface			<0.1	6.6	NT	NT	NT	NT
D (5-6.5'), center of concrete box			<0.1		NT	NT	NT	NT
D In 4" perf ABS, 5' from concrete			<0.1	6.2	NT	NT	NT	NT
D 4', 3' under pipe, 2' W concrete box			<0.1		NT	NT	NT	NT
D Matl under concrete box			<0.1	7.1	NT	NT	NT	NT
D Concrete Chipped from box			<0.1		NT	NT	NT	NT

- Notes: 1. ppm = parts per million
 2. NT = Not Tested
 3. < = less than